## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	8	"5842420"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 16:01
L11	12	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/17 16:02
L12	218	((YASUSHI) near2 (HAYASHI)).INV.	EPO; JPO; DERWENT	OR	ON	2010/03/17 16:21
L13	23	12 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 16:22
S1	1541	417/415	US-PGPUB; USPAT	OR	ON	2008/01/03 10:47
S2	9	"6217287"	US-PGPUB; USPAT	OR	ON	2008/01/03 11:48
S3	7	("20030049136"   "20040241013"   "4479419"   "5951261"   "6217287"   "6619926"   "6953324").PN. OR ("7100743").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:50
S4	83	("1556912"   "1557222"   "1565819"   "1814154"   "1867198"   "1946559"   "2035096"   "2528764"   "2561786"   "2592237"   "2612839"   "2780334"   "2873003"   "2892360"   "2943782"   "3010339"   "3022741"   "3174436"   "3180178"   "3259307"   "3360952"   "3417628"   "3470823"   "3522998"   "3545220"   "3701350"   "3738230"   "3985473"   "4031778"   "4143995"   "4236874"   "4245966"   "4479419"   "4494447"   "4682532"   "4756202"   "4830589"   "5190263"   "5199857"   "5281110"   "5366355"   "5577390").PN. OR ("5951261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:52
S5	2	("5971724").URPN.	USPAT	OR	ON	2008/01/03 12:20
S6	679	417/902	USPAT	OR	ON	2008/01/03 12:29

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S7	69	("0583962"	"1427205"	"1764465"	US-PGPUB;	OR	ON	2008/01/03
		"2130349"	"2178425"	"2246273"	USPAT; USOCR			12:31
		"2583583"	"2669384"	"2905510"			ĺ	
		"2926972"	"3049285"	"3194490"			i	
		"3253776"	"3334808"	"3403846"				
		"3499600"	"3674382"	"3692435"				
		"3767013"	"3781138"	"3804202"				
		- 3					ĺ	
		"3848702"	"4174927"     "4406504"	"4236879"			i	
		"4403927"	"4406594"	"4568256"	***************************************			
		"4575320"	"4607503"	"4702682"	3			
		"4704076"	"4717316"	"4724928"			i	
		"4762477"	"5007808"	"5022146"	33			
		"5087170"		"5533875"			ĺ	
		"5551852"	"5586876"	"5660539"			i i	
		"5716202"	"5795140"	"5865607"	33			
		"5884727"	"5947709"	"6012911"				
		"6012922"	"6171076"	"6312233"			ĺ	
		"6631617")	.PN.					
S8	69	("0583962"	"1427205"	"1764465"	US-PGPUB;	OR	ON	2008/01/03
$\sim$	000	"2130349"	"2178425"	"2246273"	USPAT; USOCR	Ort	011	12:31
		"2583583"	"2669384"	"2905510"	OGI AIT, OCCORT			12.01
		"2926972"	200936 <del>4</del>     "3049285"					
		- 1		"3194490"			ĺ	
		"3253776"	"3334808"	"3403846"				
		"3499600"	"3674382"	"3692435"				
		"3767013"	"3781138"	"3804202"			ĺ	
		"3848702"		"4236879"				
		"4403927"	"4406594"	"4568256"				
		"4575320"		"4702682"			i	
		"4704076"	"4717316"	"4724928"				
		"4762477"	"5007808"	"5022146"			i	
		"5087170"	"5445504"	"5533875"	33			
		"5551852"	"5586876"	"5660539"			i i	
		"5716202"	"5795140"	"5865607"			i	
		"5884727"	"5947709"	"6012911"	3			
		"6012922"	"6171076"	"6312233"				
		"6631617")	.PN.					
S9	69	("0583062"	"1427205"	"1764465"	US-PGPUB;	OR	ON	2008/01/03
39	09	("0583962"	"427203   "2178425"		USPAT; USOCR	On	ON	12:31
		"2130349"		"2246273"	USFAT, USCON		ĺ	12.31
		"2583583"		"2905510"				
		"2926972"		"3194490"				
		"3253776"		"3403846"			ĺ	
		"3499600"	"3674382"	"3692435"	3			
		"3767013"		"3804202"				
		: :	"4174927"	"4236879"			i	
		"4403927"		"4568256"				
		"4575320"		"4702682"			i	
		"4704076"		"4724928"				
		"4762477"	"5007808"	"5022146"				
		"5087170"	"5445504"	"5533875"				
		"5551852"	"5586876"	"5660539"				
		"5716202"	"5795140"	"5865607"				
		"5884727"	"5947709"	"6012911"				
		"6012922"	"6171076"	"6312233"				
		"6631617")		. '				
		;;		"0767040"	LIC DOD! ID:	OD	)	0000/01/00
010	· ( 4 A	∄("3049285"	"30/4382"	"3767013"	US-PGPUB;	OR	ON	2008/01/03
S10	10	: 1 1	•	0.470711\   10081	THOUAT HOUSE	14	- 4	340.04
S10	10	: 1 1	•	84727").URPN.	USPAT; USOCR			12:34
S10 S11	10	: 1 1	.PN. OR ("58	84727").URPN.	USPAT; USOCR USPAT	OR	ON	12:34 2008/01/03 12:39

S12	23	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:42
S13	337	184/6.18	US-PGPUB; USPAT	OR	ON	2008/01/03 14:12
S14	277	184/6.28	US-PGPUB; USPAT	OR	ON	2008/01/03 14:27
S15	25	184/7.1	US-PGPUB; USPAT	OR	ON	2008/01/03 14:28
S16	7	"1321478"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:54
S17	2	"2021633"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S18	11	"2397124"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S19	8	"2510549"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:56
S20	4	"2598476"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:57
S21	16	"3188054"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:59
S22	11	"3238000"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:01
S23	4	"3630316"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:02
S24	19	"3848702"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:03
S25	31	"4178135"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:05
S26	4	"4553857"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:06
S27	33	"5209650"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:07
S28	13	"5415476"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:08
S29	6	"5593297"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:09
S30	6	"5700092"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S31	8	"5795140"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S32	677	vertical same shaft same lubrication	US-PGPUB; USPAT	OR	ON	2008/01/03 16:22
S33	874	vertical same shaft same lubrication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:22
S34	10	S33 same (helix or helical) same groove\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:23
S35	3	("5842420").URPN.	USPAT	OR	ON	2008/01/03 16:39

S36	7	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 16:39
S37	23	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:50
S38	609	417/368	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S39	254	S38 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S40	195	S39 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:50
S41	939	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S42	0	("16andcompressorandshaft").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S43	321	S41 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:16
S44	771	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:46
S45	506	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S46	381	S45 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S47	55505	reverse adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S48	551430	(refrigerant or hermetic)adg compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S49	16875	(refrigerant or hermetic)adj compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:55

S50	5	S47 with S49	US-PGPUB; USPAT; USOCR; EPO;	OR	ON	2008/06/12 16:55
			JPO; DERWENT			
S51	70976	(reverse or opposite) adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S52	21	S51 same S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S53	164	reverse adj groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S54	3225513	reverse adj\$2 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S55	943	S49 same S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S56	0	S49 same S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S57	0	S53 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S58	3882	S54 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:04
S59	1164	S58 and lubricati\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:11
S60	823	S59 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S61	649	S60 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S62	45	S61 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:15
S63	8	"4445344"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:39

S64	33	"2225228"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:41
S65	11	"6217287"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:54
S66	3	"20040241013"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:59
S67	2	"20050115771"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 18:06
S68	2	"6457561"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 18:19
S69	42	"4236874"	US-PGPUB; USPAT	OR	ON	2008/06/13 08:43
S70	28	"4248053"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 08:44
S71	2	"6457561"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 10:25
S72	949	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/24 17:33
S73	329	S72 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:34
S74	250	S73 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:34
S75	213	92/160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:42
S76	39	S75 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:42
S77	514	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46
S78	343	S77 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46

S79	275	S78 and motor	US-PGPUB;	OR	ON	2008/11/24
			USPAT; USOCR; EPO; JPO; DERWENT			17:46
S80	778	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:57
S81	366	Section 2015 Section 2015 Section 2015	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:57
S82	17	\$31 and ((opposite or reverse) near2 rotat \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:58
S83	7	("4209080"   "4406590"   "4406594"   "4493226"   "5247736"   "5322419"   "5720602").PN. OR ("6684979").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/24 18:03
S84	11	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/24 18:07
S85	358	184/6.18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 08:44
S86	527	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 09:34
S87	26	("2738919"   "2835437"   "2935244"   "3545891"   "3664461"   "3858685"   "4086033"   "4097185"   "4209080"   "4406594"   "4865527"   "4907951"   "5088579"   "5377781"   "5733108"   "5785151"   "5795140"   "5803718"   "5884727"   "6171090"   "6182794").PN. OR ("6484846").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 09:41
S88	24	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 09:43
S89	11	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 10:33

## **EAST Search History (Interference)**

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## 3/17/2010 4:33:07 PM

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